



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Panel**

Number of Positions: **5**

Sealable: **No**

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **20 A**

Features

Product Type Features

Product Type	Housing
Prewired	No
Connector Product Type	Housing
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Plastic

Configuration Features

Keying	C
Number of Positions	5
Number of Power Positions	5
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	400 VAC
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Body Features

Weight	14 g[.03 lb]
Shell Base Material	PA



Circular Connector Insulation Material Type	PA
Hermetically Sealed	No

Contact Features

Contact Current Rating (Max)	20 A
Reverse Gender	No
Circular Connector Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	C
Mating Alignment Type	Keyed
Mating Retention	Without

Housing Features

Alignment Keyed	Clocking
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Dimensions

Wire Size	1.5 – 2.5 mm²
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
Shielded	No

Packaging Features

Packaging Quantity	125
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211)



Candidate List Declared Against: JUN 2018 (191)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1-293469-3
NECTOR M PIN HSG FREE HANGING
CODE C



TE Part # 1-293657-3
NECTOR M PIN HSG FREE HANGING
CODE C



TE Part # 293469-3
NECTOR M PIN HSG FREE HANGING
CODE C

Also in the Series | NECTOR M Series



Circular Connector Hardware(1)



Plug & Socket Lighting Connector
Accessories(1)



Rectangular Connector Hardware(13)



Rectangular Power Connectors(3)



Standard Circular Connectors(127)

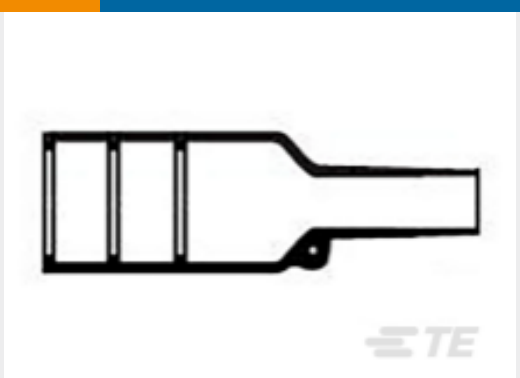
Customers Also Bought



TE Part #661269-000
TXR21AB00-1605AI



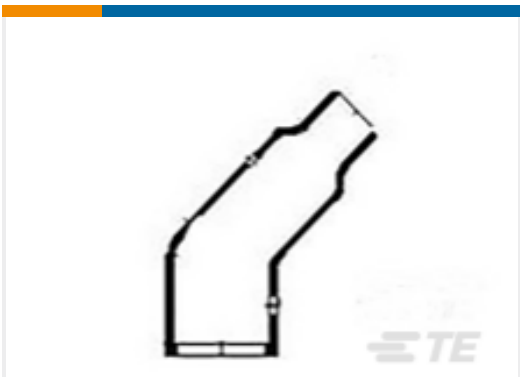
TE Part #1617807-5
FC-335-SY8= RELAY, 3PST



TE Part #358203-000
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #2-1614894-3
CPF 0805 301K 0.1% 25PPM 1K RL



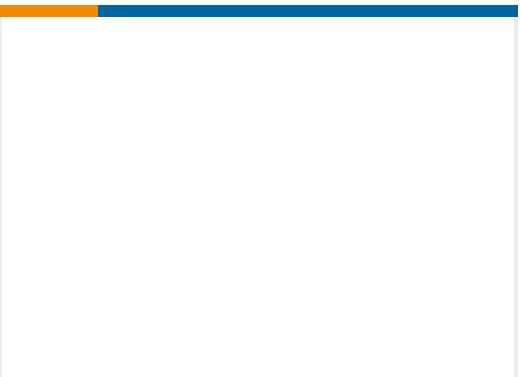
TE Part #642427-000
Heat Shrink Boots: Poly Mold, Lipped



TE Part #1617147-5
JMGAP-26P = M39016/17-030P



TE Part #1617164-7
JMACT-5XL = M28776/1-025L



TE Part #358279-000
382C312-50-01-0



TE Part #ZPF000000000007174
983-ORS 08-98 PN



TE Part #1617119-5
J1MAW-18XP = M39016/7-021P

Documents

Product Drawings

NECTOR M PIN HSG FREE HANGING CODE C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_293657-3_A_c-293657-3-a.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_293657-3_A_c-293657-3-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_293657-3_A_c-293657-3-a.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[5-1773465-6_NECTOR_M](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English